



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Nevin et al. GROUP: 2823
SERIAL NO: 10/699,503 EXAMINER: L.H. Ming
FILED: October 31, 2003
FOR: METHOD FOR FORMING A FILLED TRENCH IN A SEMICONDUCTOR LAYER OF A SEMICONDUCTOR SUBSTRATE, AND A SEMICONDUCTOR SUBSTRATE WITH A SEMICONDUCTOR LAYER HAVING A FILLED TRENCH THEREIN

**Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Sir:

RESPONSE TO THE NOTICE REGARDING DRAWINGS MAILED
JUNE 1, 2006

In response to the Notice Regarding Drawings mailed June 1, 2006, Applicant's undersigned Representative conducted an interview with Official Draftsman Clifton Randolph. As a result of that discussion, the objection to the drawings was waived by Mr. Randolph. Attached hereto is a copy of the Waiver by Mr. Randolph.

If any further information is needed to proceed to issuance with this case, please contact Applicant's undersigned Representative immediately.

Respectfully submitted,

Matthew E. Connors
Registration No. 33,298
Gauthier & Connors LLP
225 Franklin Street, Suite 2300
Boston, Massachusetts 02110
Telephone: (617) 426-9180 Ext. 112



Form PTO-948 (Rev. 06/03)
Application No. 10699503

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 3/3/06 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
- B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

- | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required). | 8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) |
| — Color drawings are not acceptable until petition is granted. Fig(s) _____ | — Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ |
| 2. PHOTOGRAPHS. 37 CFR 1.84(b) | 9. SCALE. 37 CFR 1.84(k) |
| — One (1) full-tone set is required. Fig(s) _____ | — Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____ |
| — Photographs may not be mounted. 37 CFR 1.84(e) | 10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l) |
| — Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____ | — Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1 2 14-20</u> |
| — Poor quality (half-tone). Fig(s) _____ | 11. SHADING. 37 CFR 1.84(m) |
| 3. TYPE OF PAPER. 37 CFR 1.84(e) | — Solid black areas pale. Fig(s) _____ |
| — Paper not flexible, strong, white, and durable. Fig(s) _____ | — Solid black shading not permitted. Fig(s) _____ |
| — Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ | 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p) |
| 4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: | — Numbers and reference characters not plain and legible. Fig(s) _____ |
| — 21.0 cm by 29.7 cm (DIN size A4) or 21.6 cm by 27.9 cm (8 1/2x 11 inches) | — Figure legends are poor. Fig(s) _____ |
| — All drawing sheets not the same size. Sheet(s) _____ | — Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ |
| — Drawings sheets not an acceptable size. Fig(s) _____ | — English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ |
| 5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm | — Numbers, letters and reference characters must be at least 3.2 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____ |
| — Margins not acceptable. Fig(s) _____ | 13. LEAD LINES. 37 CFR 1.84(q) |
| — Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____ | — Lead lines missing. Fig(s) _____ |
| 6. VIEWS. 37 CFR 1.84(h) | 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t) |
| REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. | — Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____ |
| — Views not labeled separately or properly. Fig(s) _____ | 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) |
| 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) | — Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____ |
| — Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____ | 16. DESIGN DRAWINGS. 37 CFR 1.152 |
| <i>Reasons Given</i> | |
| <i>Leadline are tighten so they can be seen on dark micrographs</i> | |
| COMMENTS: | |

Reviewer 97
If you have questions, call (703) 305-8404.

Date 5/30/06
Attachment to Paper No. 211



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER 10/699503	FILING/RECEIPT DATE 10/31/2003	FIRST NAMES APPLICANT NEVIN, WILLIAM ANDREW	ATTORNEY DOCKET NUMBER 7335
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GAUTHIER & CONNORS, LLP
225 FRANKLIN STREET
BOSTON MA 02110

DOCKETED

Examiner
LEE HSIEN MING
Art Unit
2823

RECEIVED

JUN 05 2006

GAUTHIER & CONNORS LLP

Date Mailed: 6/1/06

Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 10/31/2003 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents

P.O. Box 1450

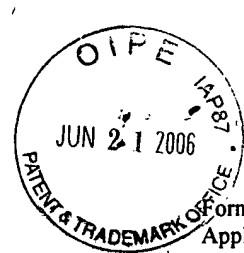
Alexandria, Virginia 22313-1450

John Fitzhugh

Office Of Patents Publication

Publishing Division

703-305-0333 ext-137



NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 313/06 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).
 Color drawings are not acceptable until petition is granted. Fig(s) _____
 Pencil and non black ink not permitted. Fig(s) _____
2. **PHOTOGRAPHS.** 37 CFR 1.84(b)
 One (1) full-tone set is required. Fig(s) _____
 Photographs may not be mounted. 37 CFR 1.84(e)
 Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
 Poor quality (half-tone). Fig(s) _____
3. **TYPE OF PAPER.** 37 CFR 1.84(e)
 Paper not flexible, strong, white, and durable. Fig(s) _____
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____
4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:
 21.0 cm by 29.7 cm (DIN size A4) or
 21.6 cm by 27.9 cm (8 1/2x 11 inches)
 All drawing sheets not the same size.
Sheet(s) _____
 Drawings sheets not an acceptable size. Fig(s) _____
5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 Margins not acceptable. Fig(s) _____
 Top (T) _____ Left (L) _____
 Right (R) _____ Bottom (B) _____
6. **VIEWS.** 37 CFR 1.84(h)
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.
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7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

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 Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
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 English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
 Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____
13. **LEAD LINES.** 37 CFR 1.84(q)
 Lead lines missing. Fig(s) _____
14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)
 Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____
15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
16. **DESIGN DRAWINGS.** 37 CFR 1.152
 Surface shading shown not appropriate. Fig(s) _____
 Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

Reviewer JT

If you have questions, call (703) 305-8404.

Date 5/30/06
Attachment to Paper No. _____